



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

Francois HIRSCH et al.

Serial No.: 09/926,493

Group Art Unit:1645

Filed: January 24, 2002

For: NUCLEIC ACID-ANTIBODY CONJUGATE FOR DELIVERY A FOREIGN NUCLEIC
ACID IN CELLS

#8 / I.D.S.

INFORMATION DISCLOSURE STATEMENT

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Commissioner of Patents
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Sir:

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As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached. The Examiner is requested to make these references of record in the file of this application.

The listed publications are cited as follows:

International Search Report	All of Item A with exception of AK
French Preliminary Search Report	All of Item A with exception of AE, AI, AJ, AK, AP and AQ
Specification	Items AB, AC, AD, AK and all of Items B, C and D

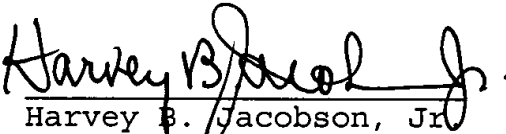
A copy of the search reports is enclosed. Note that FR 2 786 104 is equivalent to FR 98/14858 in the specification.

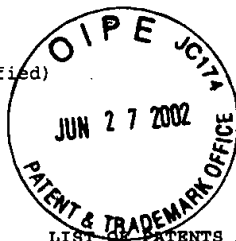
In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application.

Respectfully submitted,

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.: P67289US0 GROUP ART UNIT: 1645
SERIAL NO.: 09/926,493 FILING DATE: January 24, 2002
APPLICANT(S): Francois HIRSCH et al.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE (If Appropriate)
	AA 5,166,320	11/24/92	Wu et al.	530	395	
	AB 5,428,132	6/27/95	Hirsch et al.	530	387.1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES) (NO)
	AC 88/08854	11/17/88	WIPO			:
	AD 94/04696	3/3/94	WIPO			:
	AE 94/13325	6/23/94	WIPO			:
	AF 95/21195	8/10/95	WIPO			:
	AG 96/13599	5/9/96	WIPO			:
	AH 98/02564	1/22/98	WIPO			:
	AI 98/47538	10/29/98	WIPO			partial
	AJ 98/56425	12/17/98	WIPO			:
	AK 2 786 104	5/26/00	France			partial

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AL XP-000877306; Poncet et al.; Antifection: an antibody-mediated method to introduce genes into lymphoid cells in vitro and in vivo; Gene Therapy; (1996) 3 731-738

AM XP-002133110; Fominaya et al.; Target Cell-specific DNA Transfer Mediated by a Chimeric Multidomain Protein; The Journal of Biological Chemistry; Vol. 271, No. 15, (1996) 10560-10568

AN XP-002133111; No. 237; Chakrabarti et al.; Transfer of DNA into Lymphoma Cells by DNA-Bound to T101-Biotinylated-Avidin-Polysine Antibody Complex

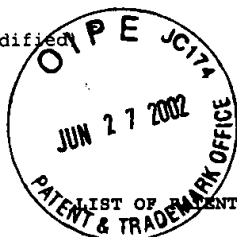
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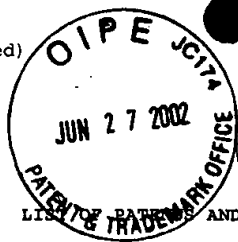
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- BD Chittenden et al.; Induction of apoptosis by the Bcl-2 homologue Bak; Nature 374 (1995) 733-736
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- BH Golumbek et al.; Treatment of Established Renal Cancer by Tumor Cells Engineered to Secrete Interleukin-4; Science, 254 (1991) 713-716
- BI Glukhova et al.; Overrepresentation of 7q31 and 17q in Renal Cell Carcinomas; Genes Chrom. Cancer, 22 (1998) 171-178
- BJ Hirsch et al.; Antifection: A New Method for Targeted Gene Transfection; Transplantation Proceedings, Vol. 25, No. 1, (1993) 138-139
- BK Karasuyama et al.; Establishment of mouse cell lines which constitutively secrete large quantities of interleukin 2, 3, 4 or 5, using modified cDNA expression vectors; Eur. J. Immunol. 18; (1988) 97-104
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- BM Luthman et al.; High efficiency polyoma DNA transfection of chloroquine treated cells; Nucleic Acids Res.; 11 (1983) 1295-1308

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



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- _____ CA Maxfield et al.; Collection of Insulin, EGF and α_2 -Macroglobulin in the Same Patches on the Surface of Cultured Fibroblasts and Common Internalization; Cell 14 (1978) 805-810
- _____ CB Michael et al.; Strategies to achieve targeted gene delivery via the receptor-mediated endocytosis pathway; Gene Therapy, 1 (1994) 223-232
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

_____ DA	<u>Wang et al.; BID: a novel BH3 domain-only death agonist; Genes & Development; 10 (1996), 2859-2869</u>
_____ DB	<u>Wienhues et al.; Laboratory Methods, A Novel method for Transfection and Expression of Reconstituted DNA-Protein Complexes in Eukaryotic Cells; DNA 6(1), (1987), 81-89</u>
_____ DC	<u>Wu et al., Receptor-mediated Gene Delivery in Vivo, J. Biol. Chem., 266 (1991), 14338-14342</u>
_____ DD	<u>Zenke et al.; Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hematopoietic cells; Proc. Natl. Acad. Sci. USA; 87 (1990) 3655-3659</u>
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